- 3201 (385/14,15,52).CCLS. US-PGPUB 16:4 USPAT; 2003 US-PGPUB 15:2 USPAT; 2003 US-PGPUB 16:4 (386/14,15,52).CCLS.) (385/14,15,52).CCLS.) (3	/11/28
- 3201 (385/14,15,52).CCLS. US-PGPUB US-PAT; 2003 US-PGPUB 15:2 US-PAT; 2003 (385/14,15,52).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.) (398/156,10,16,17).CCLS.) (398/156	% /11/28 7 7 7 7 8 8 8 9 9 9 7 11/28 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
- 3201 (385/14,15,52).CCLS. USPAT; 2003 US-PGPUB 15:2 USPAT; 2003 US-PGPUB 16:4 (3865/14,15,52).CCLS.) (386/16,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.) (385/14,15,52).CCLS.) (385/	/11/28 /11/28 8 /11/28 8 /12/03 8 /11/28 9
- 158 (398/156,10,16,17).CCLS. US-PGPUB 15:2 US-PGPUB 16:4 (385/14,15,52).CCLS.) (385/14,15,52).CCLS.) (385/14,15,52).CCLS.) (385/14,15,52).CCLS.) (385/14,15,52).CCLS.) (398/156,10,16,17).CCLS.) (7 /11/28 8 /11/28 8 8 /12/03 8 /11/28
- 158 (398/156,10,16,17).CCLS. USPAT; 2003 US-PGPUB 15:2 USPAT; 2003 US-PGPUB 16:4 (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.) (398/156,10,16,17).CCLS.)	/11/28 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
- 792 (250/559.29,559.3,559.37).CCLS. US-PGPUB 15:2 US-PGPUB 16:4 (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$) (((356/399-401,153,73.1).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$) ((398/156,10,16,17).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photosens\$ asen\$3 detect\$3)) ((356/399-401,153,73.1).CCLS.) (US-PGPUB 18:4) (398/156,10,16,17).CCLS.) (398/156,10,16,17).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$ asen\$3 detect\$3)) ((356/399-401,153,73.1).CCLS.) (398/156,10,16,17).CCLS.) (398/156,10,16,17).CCLS.) (1056/59.29,559.3,559.37).CCLS.)) and (1056/59.29,559.3,559.37).CCLS.)	8 /11/28 8 /12/03 8 /11/28 9
- 792 (250/559.29,559.3,559.37).CCLS. USPAT; 2003 (365/14,15,52).CCLS.) US-PGPUB 15:2 USPAT; 2003 (385/14,15,52).CCLS.) (398/156,10,16,17).CCLS.) (3	/11/28 8 8 8 7 12/03 8 9 7 11/28 9 9 7 11/28
- 7392 ((356/399-401,153,73.1).CCLS.) (US-PGPUB (15:2) ((385/14,15,52).CCLS.) (US-PGPUB (16:4) ((250/559.29,559.3),559.37).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3)) (((356/399-401,153,73.1).CCLS.) (USPAT; (2003) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3)) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3)) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3))	8 /12/03 8 /11/28 9
- 7392 ((356/399-401,153,73.1).CCLS.) (USPAT; 2003 (385/14,15,52).CCLS.) (USPAT) (US-PGPUB 16:4	/12/03 8 /11/28 9
(385/14,15,52).CCLs.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((100000000000000000000000000000000000	8 /11/28 9 /11/28
(398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.) ((355/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$) - 184 (((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.) ((385/14,15,52).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect33)} ((356/399-401,153,73.1).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((356/399-401,153,73.1).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$4 sens\$3 detect\$3) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$4 sens\$3 detect\$7)	/11/28 9 /11/28
C(250/559.29,559.37).CCLS.)	9 /11/28
- 692 (((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559,29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$) - 184 ((((356/399-401,153,73.1).CCLS.)) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) (((356/399-401,153,73.1).CCLS.)) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((350/599.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$) adetect\$3))	/11/28
(385/14,15,52).CCLS.) (398/156,10,16,17).CCLS.) (250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$) - 184 (((356/399-401,153,73.1).CCLS.) USPAT; (398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) ((386/399-401,153,73.1).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3)) (1056/59.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3))	/11/28
((250/559.29,559.3,559.37).CCLS.)) and (((rotat\$ revolv\$ angular\$ angl\$) near axi\$)	
((rotat\$ revolv\$ angular\$ angl\$) near axi\$) (((356/399-401,153,73.1).CCLS.) USPAT; 2003 ((385/14,15,52).CCLS.) (USPAT; USPAT; USP	
axi\$) - ((((356/399-401,153,73.1).CCLS.))	
- 184 (((356/399-401,153,73.1).CCLS.) USPAT; 2003 (385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$) angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoseceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) ((356/399-401,153,73.1).CCLS.) ((388/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 sens\$3 detect\$3))	
((395/14,15,52).CCLs.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) - 1469 (((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	
((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) - 1469 (((356/399-401,153,73.1).CCLS.)) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.)) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	1
((250/559.29,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) - 1469 ((356/399-401,153,73.1).CCLS.) (USPAT; 2003 ((386/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,599.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photosens\$3 detect\$3))	
((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) - 1469 ((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	
axis) and ((two different another other plurals) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)	
plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3) - 1469 (((356/399-401,153,73.1).CCLS.) USPAT; 2003 ((385/14,15,52).CCLS.) US-PGPUB 18:4 ((398/156,10.16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	1
photodetect\$ photosens\$3 sens\$3	
detect\$3)) - 1469 (((356/399-401,153,73.1).CCLS.) ((358/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 adetect\$3))	
- 1469 (((356/399-401,153,73.1).CCLS.) (JSPAT; 2003 (385/14,15,52).CCLS.) (JSPAT; US-PGPUB 18:4 (J398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	
((385/14,15,52).CCLs.) ((398/156,10,16,17).CCLs.) ((250/559.29,559.3,559.37).CCLs.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	/11/28
((398/156,10,16,17).CCLS.) ((250/559.29,559.37).CCLS.)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	
((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plurals) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	
((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))	
photosens\$3 sens\$3 detect\$3))	
	ì
	/11/28
((385/14,15,52).CCLS.) US-PGPUB 18:4	2
((398/156,10,16,17).CCLS.)	
((250/559.29,559.3,559.37).CCLS.)) and	
((two different another other plural\$)	
near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))) and	
((signal intensity) near (maxim\$ optim\$))	
	/11/28
15:4	
	/11/28
"5583691" "5715341" "5857047"	
"5926594" "5970192" "6005250"	
"6122423" "6144118" "6175675"	
"6181856" "6193226").PN.	
	/11/28
15:4	
	/11/28
15:4	
	/11/28
"5630004" "5664032" "5677973" 15:4	2
	/11/28
3 ("5080456" "5481652" "5559915").PN. USPA1 2003	
	/11/28
"5640477" "5703973" "6118917" 15:4	
"6175675").PN.	-
- 0 6654523,URPN. USPAT 2003	/11/20
15:4	/ 11/20
- 22 5042709.URPN. USPAT 2003	7
	7 /11/28 9
"5555333").PN. 15:5	7 /11/28 9 /11/28

	0.1	/#20000000 #440404 #4405000#	I II C D D M	0000/11/00
-	21	("3982979" "4404741" "4425037" "4451324" "4453085" "4476626" "4528451" "4560880" "4570065"	USPAT	2003/11/28 15:50
		"4633079" "4670981" "4699515" "4761561" "4766322" "4775281" "4776088" "4788440" "4792693"		
-	184	"4793707" "4816728" "4823014").PN. ((((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.)	USPAT; US-PGPUB	2003/11/28 18:47
		((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near		
		<pre>axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3</pre>		
-	122	<pre>detect\$3)) ((((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.)</pre>	USPAT; US-PGPUB	2003/11/28 18:42
		((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$)		
	22.	<pre>near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) and ((signal intensity) near (maxim\$ optim\$))</pre>	IICDAM-	2003/11/29
-	114	(((((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.)	USPAT; US-PGPUB	2003/11/28
		((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$		
		photodetect\$ photosens\$3 sens\$3 detect\$3))) and ((function\$ relation\$) same (intensity signal))		
-	13	((((((356/399-401,153,73.1).ccls.) ((385/14,15,52).ccls.) ((398/156,10,16,17).ccls.)	USPAT; US-PGPUB	2003/11/28
		((250/559.29,559.3,559.37).CCLS.)) and ((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other		
		<pre>plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))) and ((function\$ relation\$)</pre>		
-	13		USPAT;	2003/11/28 18:47
		((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and	US-PGPUB	10:4/
		<pre>((rotat\$ revolv\$ angular\$ angl\$) near axi\$)) and ((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3</pre>		
-	1469	detect(\$3))) and (full near width) (((356/399-401,153,73.1).CCLS.) ((385/14,15,52).CCLS.)	USPAT; US-PGPUB	2003/11/28 18:47
		((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and ((two different another other plural\$)		
-	27	near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3)) ((((356/399-401,153,73.1).CCLS.)	USPAT;	2003/11/28
		((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.)) and	US-PGPUB	18:49
		<pre>((two different another other plural\$) near (receiv\$ photoreceiv\$ photodetect\$ photosens\$3 sens\$3 detect\$3))) and ((full near width) and (align\$</pre>		
		interalign\$))		

	14	(((((356/399-401,153,73.1).CCLS.)	USPAT;	2003/11/28
1	- 1	((385/14,15,52).CCLS.)	US-PGPUB	18:48
1 1			05 10105	1 20.10
i		((398/156,10,16,17).CCLS.)		1
		((250/559.29,559.3,559.37).CCLS.)) and		1
		((two different another other plural\$)		1
		near (receiv\$ photoreceiv\$ photodetect\$		1
		<pre>photosens\$3 sens\$3 detect\$3))) and</pre>		! !
		((full near width) and (align\$		1 1
		interalign())) not		[
1		((((((356/399-401,153,73.1).CCLS.)		i I
		((385/14,15,52).CCLS.)		1
		((398/156,10,16,17).CCLS.)		1
				1
1		((250/559.29,559.3,559.37).CCLS.)) and		1
		((rotat\$ revolv\$ angular\$ angl\$) near		! !
		axi\$)) and ((two different another other		
		plural\$) near (receiv\$ photoreceiv\$		
		photodetect\$ photosens\$3 sens\$3		
		<pre>detect\$3))) and (full near width))</pre>		l I
1_	1	((((356/399-401,153,73.1).CCLS.)	USPAT;	2003/11/28
!	_	((385/14,15,52).CCLS.)	US-PGPUB	18:50
		((398/156,10,16,17).CCLS.)	1	
			1	1
1		((250/559.29,559.3,559.37).CCLS.)) and		1
		((two different another other plural\$)		1
		near (receiv\$ photoreceiv\$ photodetect\$		1
		photosens\$3 sens\$3 detect\$3))) and		
1		((full near width) same squar\$)		1
-	4	((full near width) near squar\$)	USPAT;	2003/11/28
		· ·	US-PGPUB	18:50
l -	20	(((((356/399-401,153,73.1).CCLS.)	USPAT;	2003/11/28
		((385/14,15,52).CCLS.)	US-PGPUB	18:53
	i '	((398/156,10,16,17).CCLS.)		
		((250/559.29,559.3,559.37).CCLS.)) and		
1				
		((rotat\$ revolv\$ angular\$ angl\$) near		!
		axi\$)) and ((two different another other		
		plural\$) near (receiv\$ photoreceiv\$		1
		photodetect\$ photosens\$3 sens\$3		
	1	detect\$3))) and (((function\$ relation\$)		
		same (intensity signal)) same power)		
1_	7392		USPAT;	2003/11/28
		((385/14,15,52).CCLS.)	US-PGPUB	18:53
	İ	((398/156,10,16,17).CCLS.)		
		((250/559.29,559.3,559.37).CCLS.)		1
	540	((200/009.29,009.3,009.3/).comb./	USPAT;	2003/11/28
1 -	543	(((356/399-401,153,73.1).CCLS.)	US-PGPUB	18:53
	1	((385/14,15,52).CCLS.)	US-FGFUB	10:33
1		((398/156,10,16,17).CCLS.)		
	1	((250/559.29,559.3,559.37).CCLS.)) and		
	1	(((function\$ relation\$) same (intensity		
	1	signal)) same power)		
-	283	((((356/399-401,153,73.1).CCLS.)	USPAT;	2003/11/28
		((385/14,15,52).CCLS.)	US-PGPUB	18:54
	1	((398/156,10,16,17).CCLS.)		
1		((250/559.29,559.3,559.37).CCLS.) } and		1
1	1			1
1		(((function\$ relation\$) same (intensity	1	
1		signal)) same power)) and (align\$		
1		interalign\$)	,,ann	2003/11/00
-	4	(full near width) near squar\$	USPAT	2003/11/28
				19:20
-	671	(full near width) same squar\$	USPAT	2003/11/28
1	1			19:20
-	63	((full near width) same squar\$) same	USPAT	2003/11/28
1	1	power		19:20
1_	114005	(interalign\$ align\$) same (motor\$	USPAT;	2003/12/03
1	114003		US-PGPUB	16:49
	740-	actuat\$)	USPAT;	2003/12/08
1-	7407	((356/399-401,153,73.1).CCLS.)		11:51
		((385/14,15,52).CCLS.)	US-PGPUB	111.31
į		((398/156,10,16,17).CCLS.)	1	
		((250/559.29,559.3,559.37).CCLS.)		

	743	((interalign\$ align\$) same (motor\$	USPAT;	2003/12/03
_	/43	actuat\$)) and	US-PGPUB	16:48
		(((356/399-401,153,73.1).CCLS.)		
		((385/14,15,52).CCLS.)		
		((398/156,10,16,17).CCLS.) ((250/559.29,559.3,559.37).CCLS.))		
-	39730	((interalign\$ align\$) same (motor\$	USPAT;	2003/12/08
		actuat\$)) same (axi\$)	US-PGPUB	11:53
-	298	(((356/399-401,153,73.1).CCLS.)	USPAT; US-PGPUB	2003/12/08
		((385/14,15,52).CCLS.) ((398/156,10,16,17).CCLS.)	US-PGPUB	11:33
	ŀ	((250/559.29,559.3,559.37).CCLS.)) and		
		(((interalign\$ align\$) same (motor\$		
_	1	actuat\$))	USPAT	2003/12/08
	1	(4505004)	051711	11:33
-	1	("5080458").PN.	USPAT	2003/12/08
	1	("5559915").PN.	USPAT	11:34
1	*	(3339913) . FW.	OSIAI	11:34
-	1	("5926594").PN.	USPAT	2003/12/08
	,	(#5070103#) PN	USPAT	11:34
-	1	("5970192").PN.	USFAI	11:34
-	1	("6175675").PN.	USPAT	2003/12/08
ļ		/# c1 01 0 5 C DV	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11:34
-	1	("6181856").PN.	USPAT	2003/12/08
_	1	("6480651").PN.	USPAT	2003/12/08
				11:35
-	1	("6278813").PN.	USPAT	2003/12/08
-	1	("5481632").PN.	USPAT	2003/12/08
	_			11:36
-	1	("5482585").PN.	USPAT	2003/12/08
1	1	("5613024").PN.	USPAT	2003/12/08
	_			11:36
-	1	("5703973").PN.	USPAT	2003/12/08
_	1	("6052500").PN.	USPAT	2003/12/08
	1	(11:36
-	1	("6160936").PN.	USPAT	2003/12/08
_	1	("6317964").PN.	USPAT	2003/12/08
	1	(052750. / 12.11		11:37
-	1	("5706378").PN.	USPAT	2003/12/08
1_	1	("6205266").PN.	USPAT	2003/12/08
		,		11:37
-	1901	zhao	US-PGPUB	2003/12/08
_	275	(356/300).CCLS.	USPAT	2003/12/08
	2/3	, i		11:38
-	0	zhao and ((356/300).CCLS.)	USPAT;	2003/12/08
1_	51	(356/300).CCLS.	US-PGPUB US-PGPUB	11:38 2003/12/08
	31	(330) 300) . CCB3.	33 10105	11:38
-	1	zhao and ((356/300).CCLS.)	US-PGPUB	2003/12/08
	10	(/!!/3CE964!!\ DN \ //!!E0904E9!!\ DN \	USPAT;	11:38 2003/12/08
1-	19	(("4365864").PN.) (("5080458").PN.) (("5559915").PN.) (("5926594").PN.)	US-PGPUB	11:39
		(("5970192").PN.) (("6175675").PN.)		
		(("6181856").PN.) (("6480651").PN.)	1	
		(("6278813").PN.) (("5481632").PN.) (("5482585").PN.) (("5613024").PN.)		1
		(("5703973").PN.) (("6052500").PN.)	1	
		(("6160936").PN.) (("6317964").PN.)		
		(("5706378").PN.) (("6205266").PN.) (zhao and ((356/300).CCLS.))		
	ــــــــــــــــــــــــــــــــــــــ	1 (,000,000,0000,1)	1	

-	10329	((356/399-401,153,73.1).CCLS.)	USPAT;	2003/12/08
		((385/12,13,14,15,24,52).CCLS.)	US-PGPUB	11:52
		((398/156,10,16,17).CCLS.)		
		((250/559.29,559.3,559.37,559.33).CCLS.)		
-	165	(700/279).CCLS.	USPAT;	2003/12/08
			US-PGPUB	11:52
_	762	(702/94,150).CCLS.	USPAT;	2003/12/08
		(112,71,201,1022)	US-PGPUB	11:52
l_	10333	((("4365864").PN.) (("5080458").PN.)	USPAT;	2003/12/08
-	10333	((("5559915").PN.) (("5926594").PN.)	US-PGPUB	11:52
			U3-FGFUB	11:32
		(("5970192").PN.) (("6175675").PN.)		1
		(("6181856").PN.) (("6480651").PN.)		
1		(("6278813").PN.) (("5481632").PN.)		
	'	(("5482585").PN.) (("5613024").PN.)		
		(("5703973").PN.) (("6052500").PN.)		
		(("6160936").PN.) (("6317964").PN.)		
		(("5706378").PN.) (("6205266").PN.) (zhao		
	i	and ((356/300).CCLS.)))		
		(((356/399-401,153,73.1).CCLS.)		
		((385/12,13,14,15,24,52).CCLS.)		
		((398/156,10,16,17).CCLS.)		
1				
		((250/559.29,559.3,559.37,559.33).CCLS.)		
		1// 1 1/1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2		2003/13/09
-	41822	((interalign\$ align\$) same (motor\$	USPAT;	2003/12/08
		actuat\$)) same (interaxi\$ axi\$ coaxi\$)	US-PGPUB	11:55
-	11214	(((("4365864").PN.) (("5080458").PN.)	USPAT;	2003/12/08
		(("5559915").PN.) (("5926594").PN.)	US-PGPUB	11:55
		(("5970192").PN.) (("6175675").PN.)		
		(("6181856").PN.) (("6480651").PN.)	1	
		(("6278813").PN.) (("5481632").PN.)		
	1	(("5482585").PN.) (("5613024").PN.)		ł l
	1	(("5703973").PN.) (("6052500").PN.)	İ	
		(("6160936").PN.) (("6317964").PN.)		
		(("5706378").PN.) (("6205266").PN.) (zhao		
	l	and ((356/300).CCLS.)))		
	i	(((356/399-401,153,73.1).CCLS.)		
		((385/12,13,14,15,24,52).CCLS.)		
				1
	I	((398/156,10,16,17).ccls.) ((250/559.29,559.3,559.37,559.33).ccls.)	1	1
	1			1
)) ((700/279).CCLS.) ((702/94,150).CCLS.)	IICDAM.	2003/12/09
-	22592	((interalign\$ align\$) same (actuat\$))	USPAT;	2003/12/08
		same (interaxi\$ axi\$ coaxi\$)	US-PGPUB	11:55
-	139	((((("4365864").PN.) (("5080458").PN.)	USPAT;	2003/12/08
		(("5559915").PN.) (("5926594").PN.)	US-PGPUB	14:05
		(("5970192").PN.) (("6175675").PN.)	1	
		(("6181856").PN.) (("6480651").PN.)	1	
		(("6278813").PN.) (("5481632").PN.)	1	
		(("5482585").PN.) (("5613024").PN.)	1	(
1		(("5703973").PN.) (("6052500").PN.)	1	
1		(("6160936").PN.) (("6317964").PN.)	1	
		(("5706378").PN.) (("6205266").PN.) (zhao	t	ł
		and ((356/300).CCLS.)))	i .	1
1	1	(((356/399-401,153,73.1).CCLS.)	1	1
1	l	((385/12,13,14,15,24,52).CCLS.)	1	1
1		((398/156,10,16,17).CCLS.)	1	1
1		((250/559.29,559.3,559.37,559.33).CCLS.)	1	1
1	1	((250/559.29,559.3,559.37,559.33).CCLS.)	I	1
1		((702/94,150).CCLS.)) and (((interalign\$	1	1
			1	1
1		align\$) same (actuat\$)) same (interaxi\$	1	
	l	axi\$ coaxi\$))		

		//////////////////////////////////////	HEDAM.	2003/12/08
-	2	(((((("4365864").PN.) (("5080458").PN.)	USPAT; US-PGPUB	13:54
		(("5559915").PN.) (("5926594").PN.)	U3-PGPUB	13:34
1		(("5970192").PN.) (("6175675").PN.)		
		(("6181856").PN.) (("6480651").PN.)		
		(("6278813").PN.) (("5481632").PN.)		
		(("5482585").PN.) (("5613024").PN.)		
		(("5703973").PN.) (("6052500").PN.)		
		(("6160936").PN.) (("6317964").PN.)		l
ļ		(("5706378").PN.) (("6205266").PN.) (zhao		
		and ((356/300).CCLS.)))		
		(((356/399-401,153,73.1).CCLS.)		·
		((385/12,13,14,15,24,52).CCLS.)		
1		((398/156,10,16,17).CCLS.)		
		((250/559.29,559.3,559.37,559.33).CCLS.)		
)) ((700/279).CCLS.)		
		((702/94,150).CCLS.)) and (((interalign\$		
1		align\$) same (actuat\$)) same (interaxi\$		
1	1	axi\$ coaxi\$))) and (labview (lab near		
1		view))	l	/ /
-	346	(((interalign\$ align\$) same (motor\$	USPAT;	2003/12/08
1		actuat\$)) same (interaxi\$ axi\$ coaxi\$))	US-PGPUB	14:17
	İ	and ((((("4365864").PN.)		
1	[(("5080458").PN.) (("5559915").PN.)		
ļ	l	(("5926594").PN.) (("5970192").PN.)	İ	
	1	(("6175675").PN.) (("6181856").PN.)	1	
	I	(("6480651").PN.) (("6278813").PN.)	1	
	I	(("5481632").PN.) (("5482585").PN.)	1	
	I	(("5613024").PN.) (("5703973").PN.)	1	
	1	(("6052500").PN.) (("6160936").PN.)	1	
	Į.	(("6317964").PN.) (("5706378").PN.)		Į l
		(("6205266").PN.) (zhao and		
		((356/300).CCLS.)))		Į l
		(((356/399-401,153,73.1).CCLS.)		
		((385/12,13,14,15,24,52).CCLS.)		
		((398/156,10,16,17).CCLS.)		
		((250/559.29,559.3,559.37,559.33).CCLS.)		[
)) ((700/279).ccLs.)	1	
		((702/94,150).CCLS.))		
-	2	((((interalign\$ align\$) same (motor\$	USPAT;	2003/12/08
		actuat\$)) same (interaxi\$ axi\$ coaxi\$))	US-PGPUB	13:54
		and ((((("4365864").PN.)		
		(("5080458").PN.) (("5559915").PN.)		
1	1	(("5926594").PN.) (("5970192").PN.)		
	1	(("6175675").PN.) (("6181856").PN.)		1
		(("6480651").PN.) (("6278813").PN.)		
i	1	(("5481632").PN.) (("5482585").PN.)	i .	Į.
		(("5613024").PN.) (("5703973").PN.)		1
		(("6052500").PN.) (("6160936").PN.)		1
		(("6317964").PN.) (("5706378").PN.)		1
	1	(("6205266").PN.) (zhao and		I
	l	((356/300).CCLS.)))		1
	1	(((356/399-401,153,73.1).CCLS.)		1
		((385/12,13,14,15,24,52).CCLS.)		1
		((388/156,10,16,17).CCLS.)		1
1		((250/559.29,559.3,559.37,559.33).CCLS.)		
1		((250/359.29,359.3,359.37,359.337.00E5.7)) ((700/279).CCLS.)		
		((702/94,150).CCLS.))) and (labview (lab		1
1		near view))		1
	<u> </u>	Heat Atemil		

	207	////detailing alime() and /matons	USPAT;	2003/12/08
-	207	((((interalign\$ align\$) same (motor\$	US-PGPUB	14:05
		actuat\$)) same (interaxi\$ axi\$ coaxi\$)) and ((((("4365864").PN.)	OD FOLOD	11.03
1		(("5080458").PN.) (("5559915").PN.)		
		(("5926594").PN.) (("5970192").PN.)	ļ	
1	ļ	(("6175675").PN.) (("6181856").PN.)		
1 .		(("6480651").PN.) (("6278813").PN.)		
		(("5481632").PN.) (("5482585").PN.)		
		(("5613024").PN.) (("5703973").PN.)		
		(("6052500").PN.) (("6160936").PN.)		
		(("6317964").PN.) (("5706378").PN.)		
1		(("6205266").PN.) (zhao and		
		((356/300).CCLS.)))		
}		(((356/399-401,153,73.1).CCLS.)		
		((385/12,13,14,15,24,52).CCLS.)		
1		((398/156,10,16,17).CCLS.)		
1 1		((250/559.29,559.3,559.37,559.33).CCLS.)		
)) ((700/279).CCLS.)		
		((702/94,150).CCLS.))) not		
		(((((("4365864").PN.) (("5080458").PN.)		İ
1		(("5559915").PN.) (("5926594").PN.)		
		(("5970192").PN.) (("6175675").PN.)		
		(("6181856").PN.) (("6480651").PN.)		
		(("6278813").PN.) (("5481632").PN.)		
		(("5482585").PN.) (("5613024").PN.)		
		(("5703973").PN.) (("6052500").PN.)		
1		(("6160936").PN.) (("6317964").PN.)		
		(("5706378").PN.) (("6205266").PN.) (zhao		
1 1		and ((356/300).CCLS.)))	1	
		(((356/399-401,153,73.1).CCLS.)		
		((385/12,13,14,15,24,52).CCLS.)		
		((398/156,10,16,17).CCLS.)		
		((250/559.29,559.3,559.37,559.33).CCLs.)		
)) ((700/279).CCLS.)		
		((702/94,150).CCLS.)) and (((interalign\$		
		align\$) same (actuat\$)) same (interaxi\$		
		axi\$ coaxi\$)))		2002 (12 (00
-	174	((((interalign\$ align\$) same (motor\$	USPAT;	2003/12/08
	1	actuat\$)) same (interaxi\$ axi\$ coaxi\$))	US-PGPUB	14:21
		and ((((("4365864").PN.)	1	
1		(("5080458").PN.) (("5559915").PN.)	ł	ĺ
	1	(("5926594").PN.) (("5970192").PN.)	1	
	1	(("6175675").PN.) (("6181856").PN.) (("6480651").PN.) (("6278813").PN.)		
	1	(("5481632").PN.) (("5482585").PN.)		
		(("5481632").PN.) (("5482585").PN.) (("5613024").PN.) (("5703973").PN.)		1
		(("5613024").PN.) (("5703973").PN.) (("6052500").PN.) (("6160936").PN.)		
		(("6052500").PN.) (("6160936").PN.)		
	1	(("6205266").PN.) (zhao and	i	
	1	((356/300).CCLS.)))	1	
1		((356/300).CCLS.)) (((356/399-401,153,73.1).CCLS.)	1	
		((385/12,13,14,15,24,52).CCLS.)		1
		((398/156,10,16,17).CCLS.)	1	
		((250/559.29,559.3,559.37,559.33).CCLS.)		İ
		((230/339.29,339.37,339.37,339.37,339.37,39.37,39.	1	
	1	((702/94,150).CCLS.))) and ((array	1	[
1 .		multi\$6 plural\$ second\$ another other		
		two) near (detect\$ sens\$3 photodetect\$		
		photosens\$3 receiv\$3 transceiv\$3))	1	
-	13	5177348.URPN.	USPAT	2003/12/08
	13			14:23
-	3	("4452506" "5177348" "6097858").PN.	USPAT	2003/12/08
1	1			14:25
1				
_	33	4452506.URPN.	USPAT	2003/12/08
-	33	4452506.URPN.	USPAT	14:28

-	25	("3445666" "3732425" "3938895"	USPAT	2003/12/08
		"4220396" "4302071" "4303302"		14:32
		"4378144" "4432599" "4452506"		
1		"4470662" "4474423" "4512036"		I
		"4677290" "4728169" "4758061"		I
				I
1		"4792206" "4834484" "4834485"	ì	I
		"4886331" "4896935" "4923269"	ļ	1
		"4927221" "4952010" "5005934"		1
		"5016961").PN.	i i	[
-	13	5177348.URPN.	USPAT	2003/12/08
		ı		14:33
_	82	("2982859" "3492484" "4274712"	USPAT	2003/12/08
	0.2	"4365863" "4421381" "4574191"		14:33
		"4614868" "4626066" "4677290"		
		"4696062" "4746195" "4758061"		
		"4823402" "4838631" "4838637"		+
		"4859012" "4892388" "4981335"		
		"5077622" "5077815" "5097354"		
		"5172262" "5177348" "5383118"		
		"5440654" "5450512" "5471332"		
		"5524153" "5546484" "5555558"		
		"5568575" "5600739" "5621829"		
1		"5623337" "5627669" "5629790"		
		"5648618" "5671304" "5673139"		
		"5726815" "5832415" "5867297"		
		"5907425" "5912608" "5914207"		
1 '	i	"5920417" "5960132" "5963682"	ļ	
		"592041/" "5960132" "5963662		
		"5982554" "6002818" "6031656"		
		"6049412" "6057921" "6061369"		•
		"6075639" "6097858" "6097859"		
		"6097860" "6101299" "6125335"	1	
1		"6127679" "6137926" "6183918"		
1		"6201622" "6208469" "6208784"		
		"6222679" "6236481" "6245590"		
		"6249626" "6253001" "6253010"		
		"6256430" "6262827" "6289145"		
		"6295154" "6317530" "6320993"		
		"6320998" "6327398" "6330102"		
		"6347167").PN.	HCDAM	2003/12/08
-	13	("5063645" "5152055" "5159361"	USPAT	
		"5410532" "5432763" "5488678"		14:36
		"5515355" "5559639" "5644413"		
		"5995479" "6023379" "6049650"		
		"6314062").PN.		
-	12	("4720163" "4854667" "5216729"	USPAT	2003/12/08
		"5383118" "5450508" "5570184" "5677973" "5745624" "5894657"		14:37
		"5677973" "5745624" "5894657"		l i
		"5916458" "6148511" "6164837").PN.		
1_	18	5745624.URPN.	USPAT	2003/12/08
	1	3713024. OKI W.		14:39
	10	5745624 UDDN	USPAT	2003/12/08
1-	18	5745624.URPN.	35171	14:40
1	_	CACOCCI VIDIN	USPAT	2003/12/08
1 -	0	6480651.URPN.	USPAT	
}				14:40
-	0	6480651.URPN.	USPAT	2003/12/08
				14:40
-	14	("3907436" "4699032" "5559915"	USPAT	2003/12/08
		"5583691" "5715341" "5857047"		14:40
1		"5926594" "5970192" "6005250"		
1	1	"6122423" "6144118" "6175675"		'
1		"6181856" "6193226").PN.		
l -	5	6181856.URPN.	USPAT	2003/12/08
				14:41
_	8	("4372768" "4746195" "4798442"	USPAT	2003/12/08
	ı	"5117474" "5135590" "5185846"	1	14:42
		"5281301" "5559915").PN.		· •-
1_	4	6175675.URPN.	USPAT	2003/12/08
1-	4	01/30/3.0KFM.	JULA	14:42
	7	("5002350" "5905824" "5936752"	USPAT	2003/12/08
-	1 /		OSPAI	
		"6058233" "6067388" "6175675"	1	14:43
1		"6278814").PN.	1	

-	4	6175675.URPN.	USPAT	2003/12/08
-	4	("5940555" "6069990" "6175675"	USPAT	14:43 2003/12/08
-	2	"6192170").PN. 6278814.URPN.	USPAT	14:43 2003/12/08
			1	14:43

Search History 12/8/03 2:53:13 PM Page 9